

IN THE SPECIFICATION

Please amend the specification by substitution, as follows:

Page 1, lines 6-17:

A1 The following U.S. Patent Applications filed concurrently herewith are related to this application and are hereby incorporated by reference in their entirety: REACQUISITION AND HANDOFF IN A SLOTTED MODE COMMUNICATION SYSTEM, U.S. Patent Application Serial No. 09/540,801; EFFICIENT SEARCHING BY A REMOTE UNIT IN A SLOTTED MODE COMMUNICATION SYSTEM, U.S. Patent Application Serial No. 09/540,800; PRIORITIZATION OF SEARCHING BY A REMOTE UNIT IN A SLOTTED MODE COMMUNICATION SYSTEM, U.S. Patent Application Serial No. 09/540,802.

IN THE CLAIMS

Please amend claims 6, 7, 9-12, and 16-18 by substitution, as follows:

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A2 6. (Amended) The wireless communication system of Claim 5 wherein a number of non-coherent passes in the set of course search parameters is less than in the set of fine search parameters.

7. (Amended) The wireless communication system of Claim 5 wherein an integration interval in the set of course search parameters is less than in the set of fine search parameters.

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A2 9. (Amended) The wireless communication system of Claim 8 wherein a number of non-coherent passes in the course search is less than in the fine search.

10. (Amended) The wireless communication system of Claim 8 wherein an integration interval in the course search is less than in the fine search.

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11. (Amended) The wireless communication system of Claim 8 wherein if, during the course search, sufficient energy is detected at a first offset corresponding to a first PN encoded pilot signal of a first base station, a first fine search parameter is selected to specify an expected range of PN offsets over which the first PN encoded pilot signal is likely to be received.

12. (Amended) The method of Claim 11 further comprising storing all measured signal levels identified during the coarse search which exceed a threshold level and a corresponding PN offsets.

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16. (Amended) The method of Claim 15 wherein during the coarse search, a number of non-coherent passes is reduced in comparison with the second search.

17. (Amended) The method of Claim 15 wherein during the coarse search, an integration interval is reduced in comparison with the fine search.

18. (Amended) The method of Claim 15 wherein if, during the coarse search, sufficient energy is detected at a first offset corresponding to a first PN encoded pilot signal of a first base station, a first fine search parameter is selected to specify an expected range of PN offsets over which the first PN encoded pilot signal is likely to be received.

REMARKS

The changes requested by this Preliminary Amendment are made to supply missing serial numbers and to correct obvious errors to the claim dependencies. No new matter has been added by this Preliminary Amendment.

The Examiner is invited to call the undersigned agent if a telephone call could help solve any remaining items.